

## **REMARKS/ARGUMENTS**

The Applicant originally submitted Claims 1-20 in the application. No claims have been canceled, added or amended. Accordingly, Claims 1-20 are currently pending in the application.

### **I. Rejection of Claims 1-2, 4-5, 7-9, 11-12, 14-16, 18 and 19 under 35 U.S.C 103**

The Examiner has rejected Claims 1-2, 4-5, 7-9, 11-12, 14-16, 18 and 19 as being unpatentable over the Applicant Admitted Prior Art (AAPA) in view of U.S. Patent No. 5,872,481 to Sevic, et al. The Applicant respectfully disagrees because the combination of the what is taught in the background of the application (referred to as AAPA by the Examiner) and Sevic does not render the above pending claims obvious.

The Examiner recognizes that the AAPA does not teach or suggest each element of independent Claims 1, 8 and 15 and cites Sevic to cure the deficiencies. Sevic also does not teach or suggest adaptively selecting a power level to send a signal along a transmission line as a function of a transmission path as recited in independent Claims 1, 8 and 15. On the contrary, Sevic teaches selecting an appropriate amplifier stage in response to a desired power value. (See Abstract, lines 6-10.) Sevic employs an output power as a type of feedback to insure the desired power value (see Figure 2, node 52) but does not adaptively select the desired power value as a function of transmission path characteristics. The Examiner asserts that Sevic measures channel conditions to determine desired power levels. Even so, Sevic does not adaptively select the power value as a function of the channel conditions but considers channel conditions to obtain the desired power value. The Applicant does not find where Sevic adapts the desired power value as a function of the channel conditions.

Accordingly, the cited combination does not teach or suggest each and every element of independent Claims 1, 8 and 15 and Claims dependent thereon. The cited combination, therefore, does not render obvious Claims 1-2, 4-5, 7-9, 11-12, 14-16, 18 and 19. Thus, the Applicant respectfully requests the Examiner to withdraw the rejection and allow issuance for Claims 1-2, 4-5, 7-9, 11-12, 14-16, 18 and 19.

## **II. Rejection of Claims 3, 6, 10, 13, 17 and 20 under 35 U.S.C. 103**

The Examiner has rejected Claims 3, 10 and 17 under 35 U.S.C. 103 as being unpatentable over AAPA in view of Sevic and in further view of U.S. Patent No. 3,755,693 to Lee and Claims 6, 13 and 20 as being unpatentable over AAPA in view of Sevic and U.S. Patent No. 3,961,280 to Sampei. As discussed above, the cited combination of AAPA and Sevic do not teach or suggest each and every element of independent Claims 1, 8 and 15. Lee and Sampei have not been cited to cure this deficiency but to teach the subject matter of dependent claims. Accordingly, the cited combinations of AAPA and Sevic with Lee or Sampei, does not teach or suggest each and every element of dependent Claims 3, 10 and 17 or dependent Claims 6, 13 and 20, respectively. The Applicant, therefore, respectfully requests the Examiner withdraw the rejection of Claims 3, 6, 10, 13, 17 and 20 and allow issuance thereof.

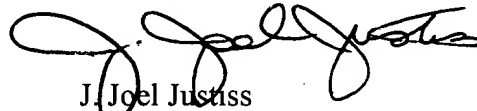
### III. Conclusion

In view of the foregoing remarks, the Applicant now sees all the Claims currently pending in this application to be in condition for allowance and therefore earnestly solicits a Notice of Allowance for Claims 1-20.

The Applicant requests the Examiner to telephone the undersigned attorney of record at (972) 480-8800 if such would further or expedite the prosecution of the present application.

Respectfully submitted,

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